

APPENDIX B.

Core Descriptions and X-Radiographs

KEY TO LITHOLOGIC DESCRIPTIONS



Mud, may be slightly sandy



Sand, fine-grained



Pebble layers



Banded sediment



Horizontal and vertical burrows



Black streaks, Fe staining



Shells, layered and scattered

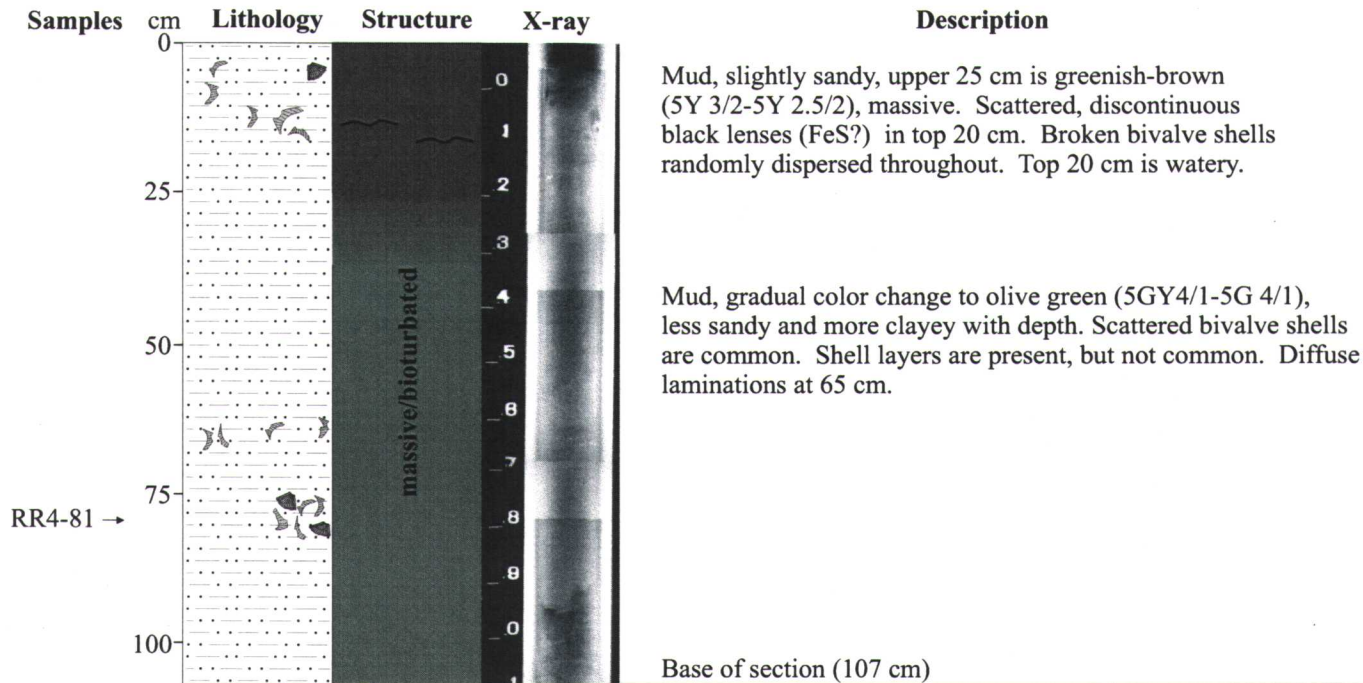


Interruption/crack in core

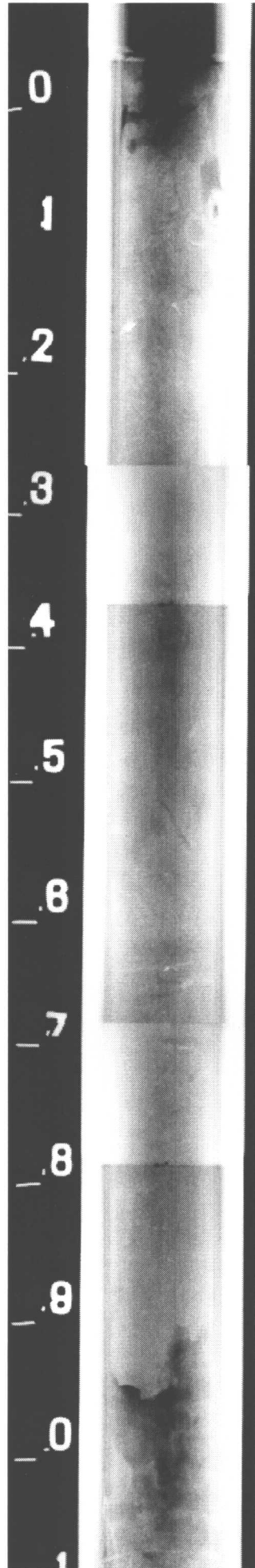


Leafy and woody organic material

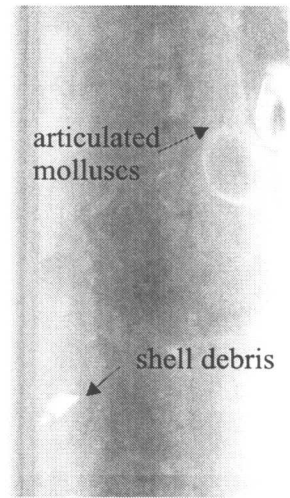
CORE: RR 98-4



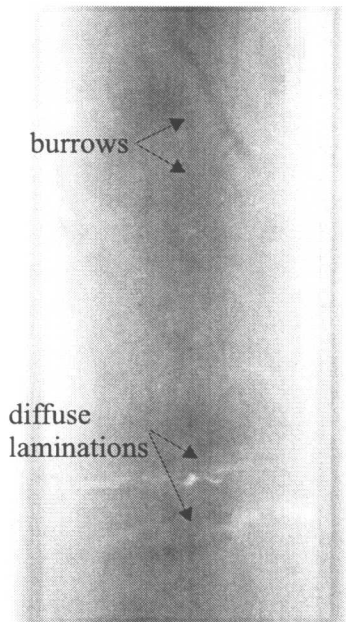
depth (cm)



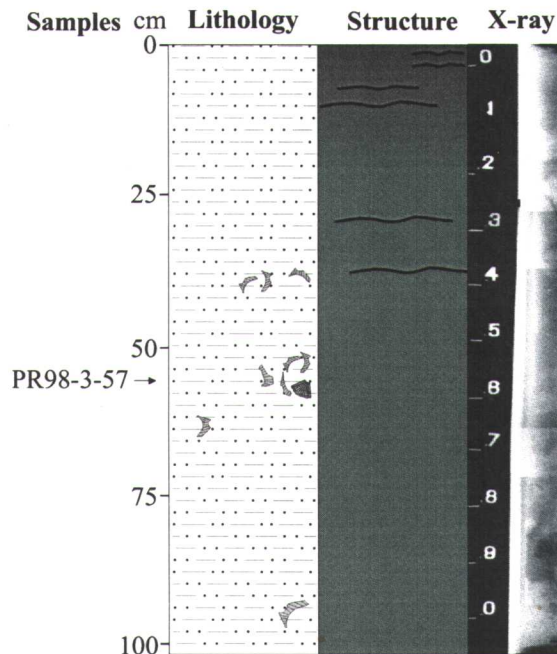
1
2



6
7



CORE: PR 98-3



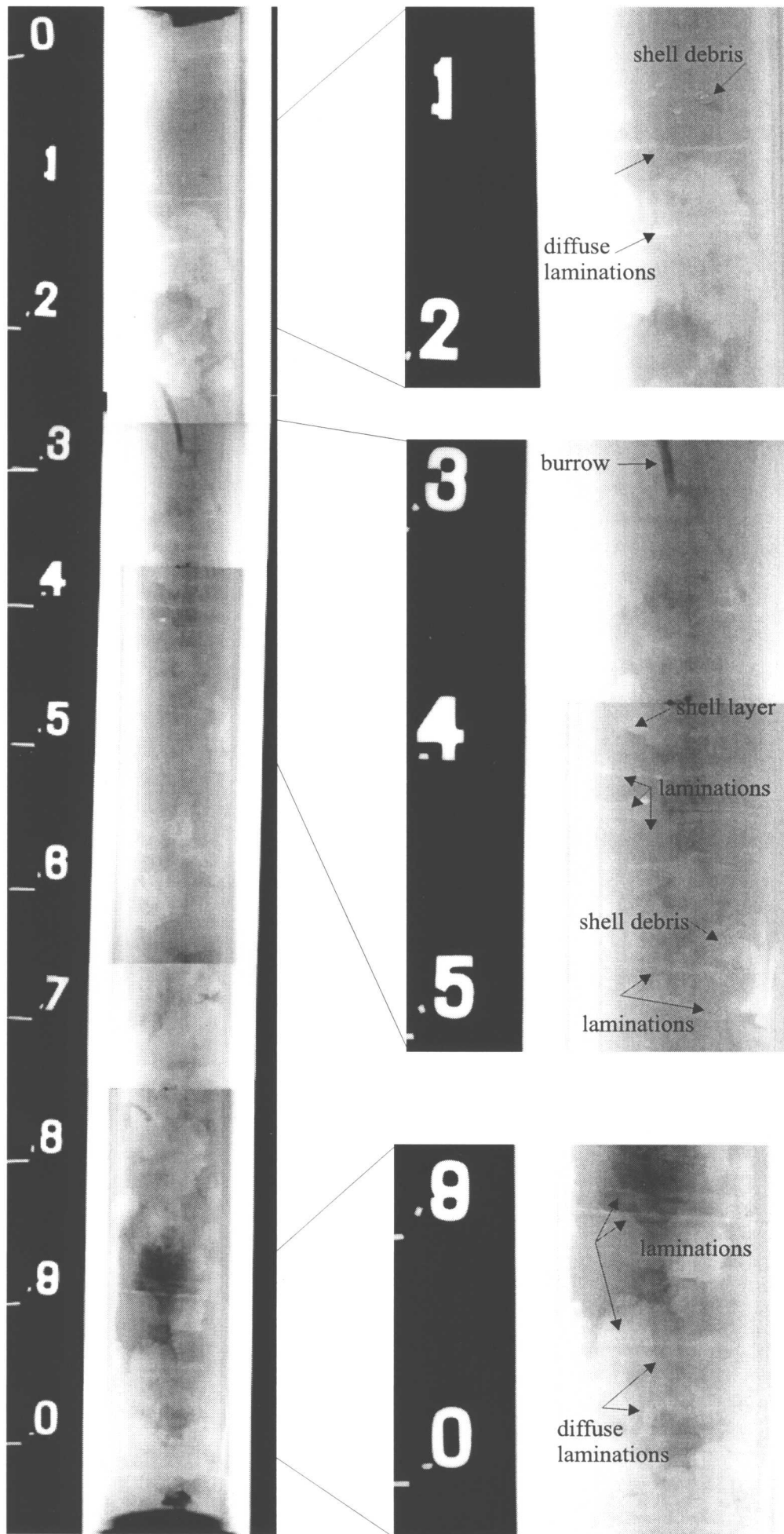
Description

Mud, slightly sandy, top 20 cm is greenish-brown (5Y 3/2), diffuse laminations (10-15 cm) massive. Scattered discontinuous, black layers (FeS) preserved in top 40 cm. Broken bivalve shells randomly dispersed throughout upper portion of core.

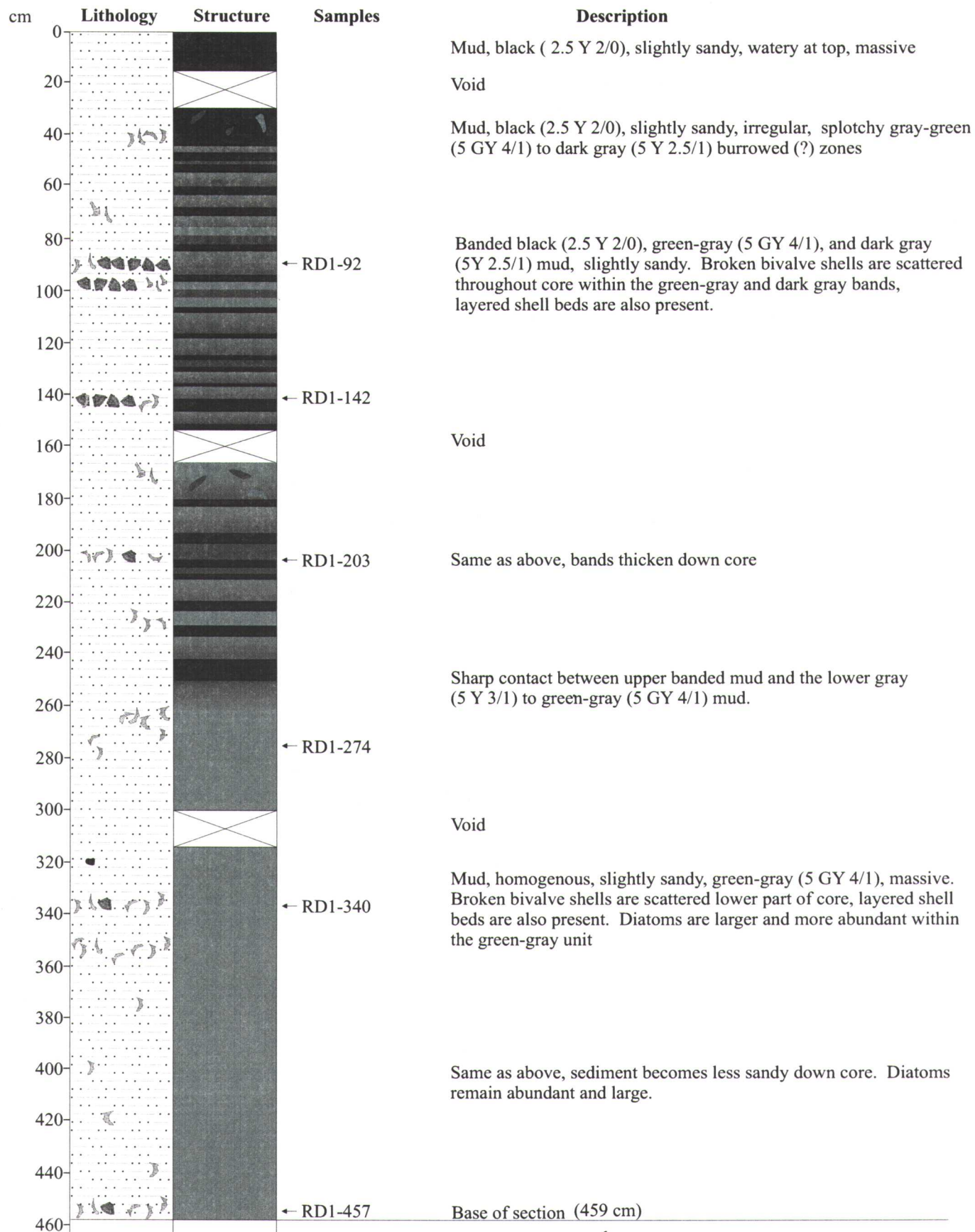
Mud, more clayey and less sandy with depth, gradual color change to olive green (5GY4/1), diffuse laminations (30-55 cm, 80-100 cm) scattered bivalve shells are common. Shell layers are present, but not common.

Base of section (102 cm)

depth (cm)



CORE: RD 98-1



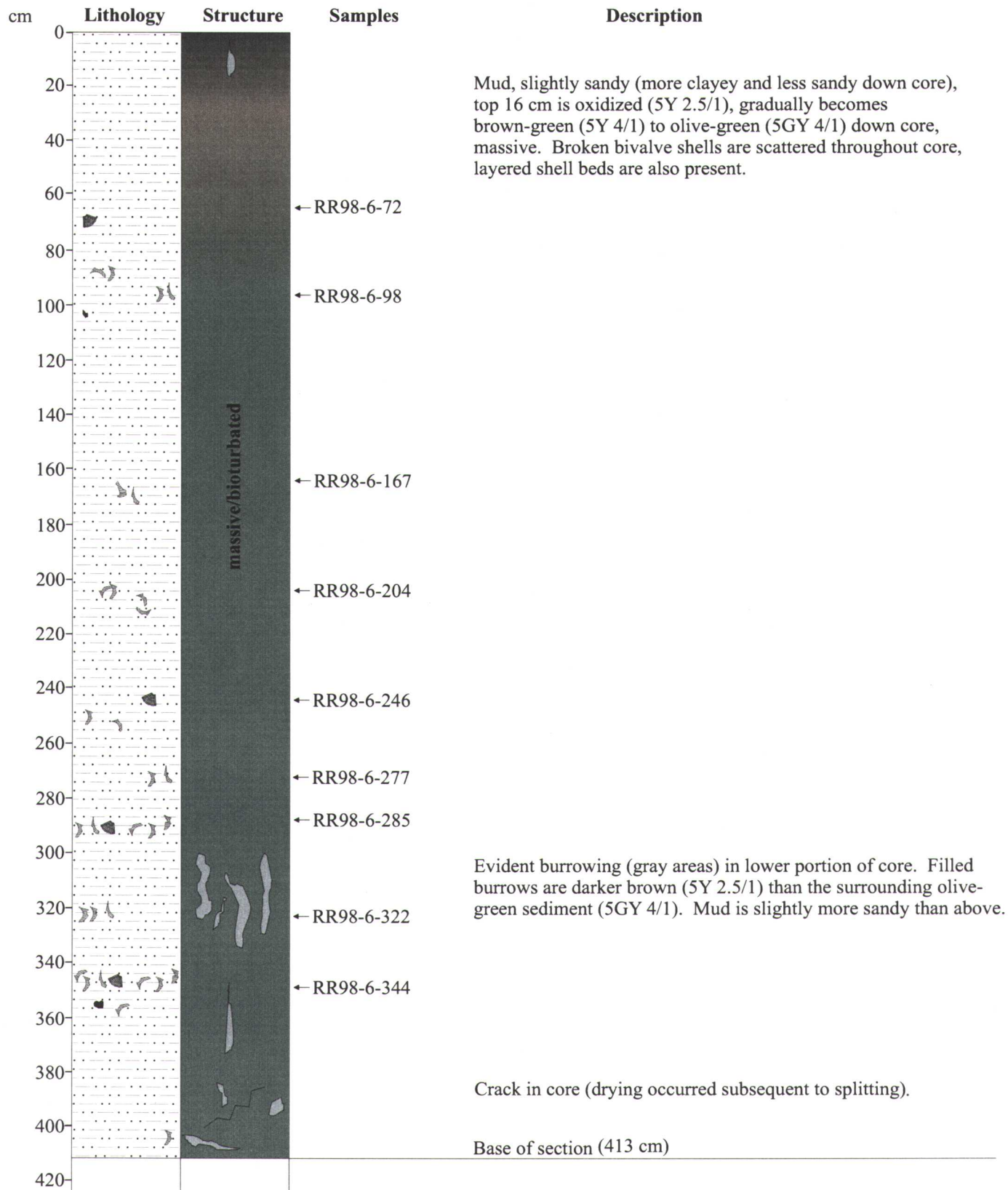
CORE: RR 98-9

| cm | Lithology | Structure | Samples | Description |
|-----|-----------|-----------|--------------------------------|---|
| 0 | | | | Mud, black (5Y 2.5/1 oxidized to 5Y 3/2), slightly sandy (qtz and fecal material), watery at top, massive |
| 20 | | | | |
| 40 | | | | Same mud as above with broken bivalve shells randomly scattered throughout |
| 60 | | | | |
| 80 | | | | |
| 100 | | | | Mud, same as above, but gradual color change to green-gray (5GY4/1) |
| 120 | | | | |
| 140 | | | | |
| 160 | | | | |
| 180 | | | | Mud, same as above, but less oxidized |
| 200 | | | | |
| 220 | | | | |
| 240 | | | | Mud, same as above, sand component is dominated by fecal material. More abundant and diverse diatoms down section |
| 260 | | | | |
| 280 | | | | |
| 300 | | | | |
| 320 | | | | Mud, same as above, massive, burrows traces are well preserved down sections between 325-475. Shell material is not preserved |
| 340 | | | | |
| 360 | | | | |
| 380 | | | | |
| 400 | | | | Sand, muddy, massive, sand component (m-sand) increases significantly between 400 and 410 cm. Burrow traces are sand filled. |
| 420 | | | | |
| 440 | | | | |
| 460 | | | | |
| 480 | | | | |
| 500 | | | | Mud, sandy, massive, green-gray (5Y4/1-5GY4/1) burrows traces are well preserved. Sediments become more sandy down core until becoming a muddy sand (sand component is coarse sand) |
| 520 | | | | |
| 540 | | | ◀ RR98-9-535 | |
| 560 | | | | |
| 580 | | | ◀ RR98-9-570y ◀ RR98-9-570c | |
| 600 | | | | |
| 620 | | | | Sand, medium to coarse-grained, slightly muddy, oyster bed |
| 640 | | | ◀ RR98-9-630 | |
| 660 | | | | Muddy sand to sandy mud, massive, black disseminated organics common |
| 680 | | | | |
| 700 | | | | |
| 720 | | | ◀ RR98-9-698r | Sand, muddy, oyster bed |
| 740 | | | | Sand, coarse in sharp contact with muddy oyster bed, random gravel is present, large woody organics (roots) well preserved in coarse sand |
| 760 | | | ◀ RR98-9-770 | |
| 780 | | | | Base of section (775 cm) |

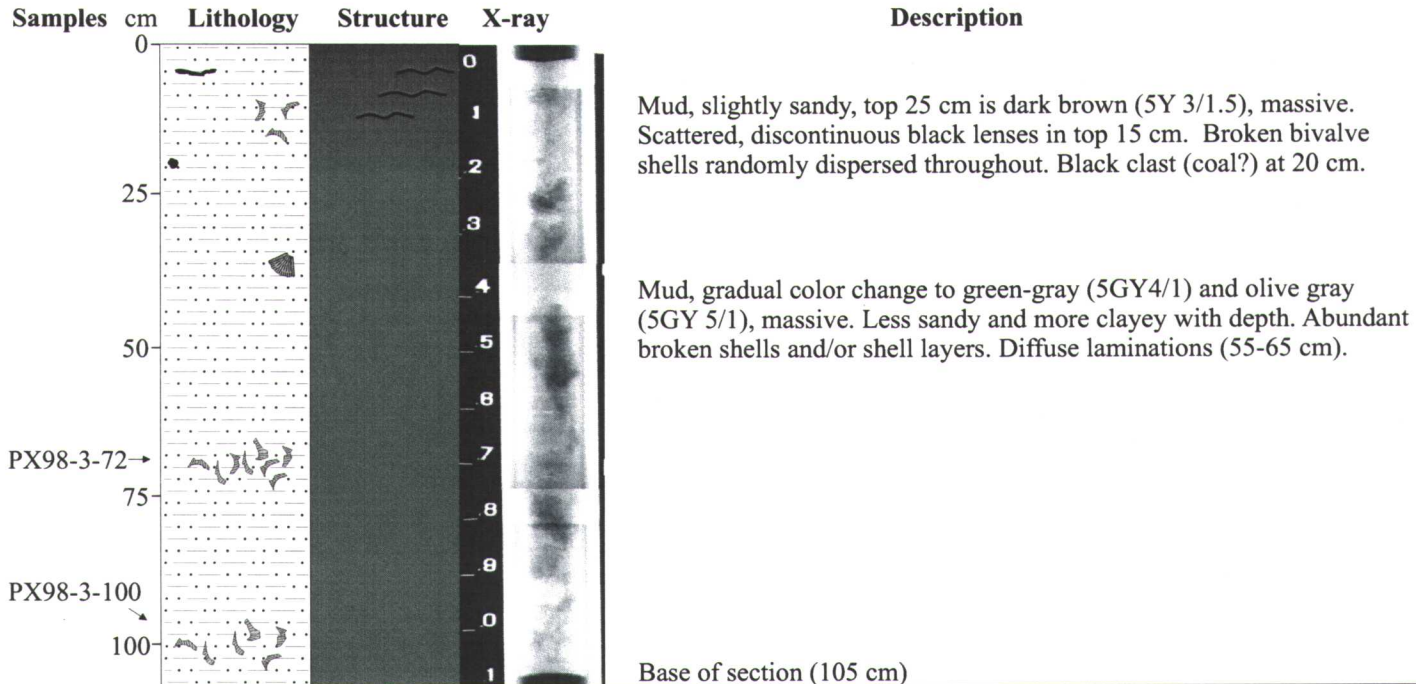
CORE: RR 98-8

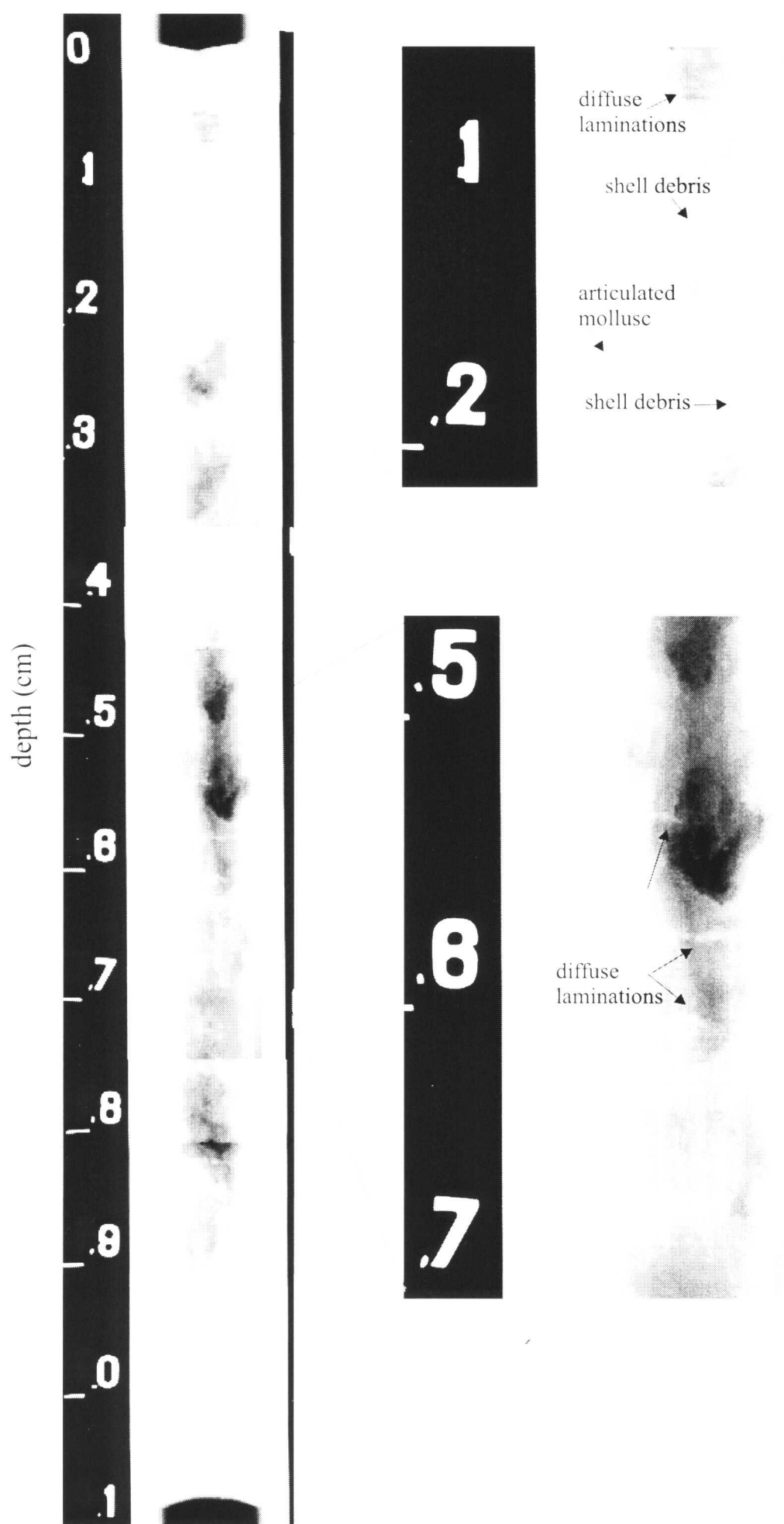
| cm | Lithology | Structure | Samples | Description |
|-----|-----------|-----------|--------------|--|
| 0 | | | | |
| 20 | | | | Mud, black (5Y 3/1 oxidized to 5Y 3/2), slightly sandy (qtz and fecal material), watery at top, massive |
| 40 | | | | Mud, same as above, but gradual color change to green-gray (5GY4/1) |
| 60 | | | | |
| 80 | | | | Mud, same as above with broken bivalve shells randomly scattered throughout |
| 100 | | | | |
| 120 | | | | |
| 140 | | | | |
| 160 | | | | |
| 180 | | | | Mud, same as above, patchy oxidized areas (dark gray-green) 5Y 4/1, (possibly burrows), mud stiffens (more compacted) down section |
| 200 | | | | |
| 220 | | | | |
| 240 | | | | |
| 260 | | | | |
| 280 | | | | |
| 300 | | | | |
| 320 | | | | |
| 340 | | | | |
| 360 | | | | Mud, same as above, massive, patchy oxidation areas. Shell material is not preserved |
| 380 | | | | |
| 400 | | | | |
| 420 | | | | Mud, same as above, but no patchy oxidized areas |
| 440 | | | | |
| 460 | | | | |
| 480 | | | | Small disseminated organic |
| 500 | | | | |
| 520 | | | | |
| 540 | | | • RR98-8-536 | Sand filled burrow in slightly sandy mud |
| 560 | | | | Base of section (553 cm) |

CORE: RR 98-6

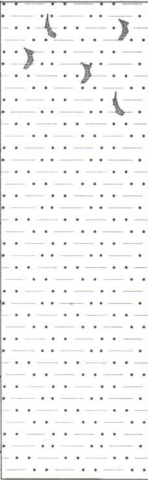



CORE: PX 98-3

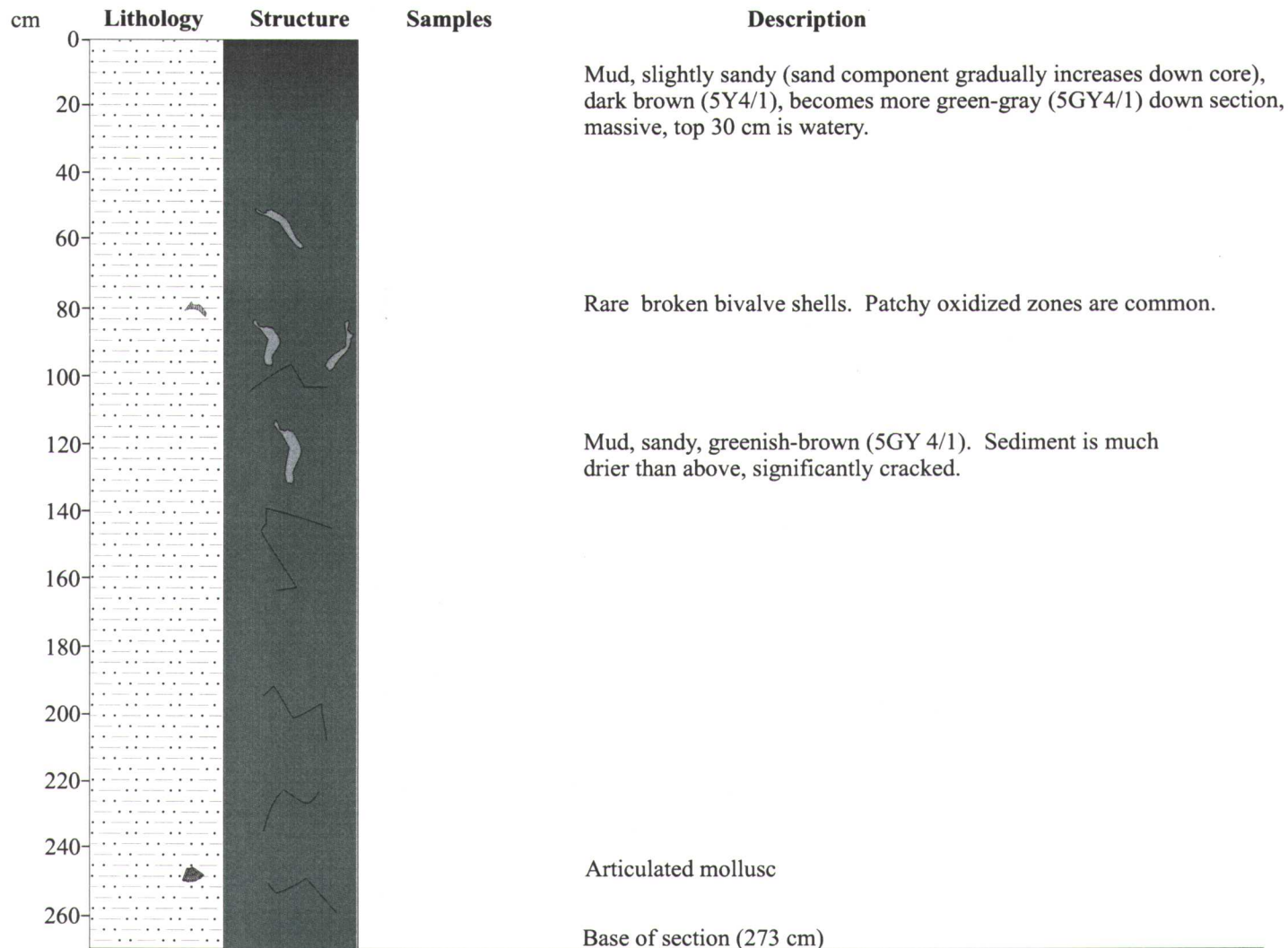




CORE: PR 98-6

| cm | Lithology | Structure | Samples | Description |
|-----|---|---|---------|---|
| 0 |  |  | | Mud, slightly sandy (sand component gradually increases down core), gray-brown (5Y 3/2), oxidized to gray-black (5Y3/1), watery, massive. Randomly dispersed shell material throughout upper 30 cm. |
| 20 | | | | |
| 40 | | | | |
| 60 | | | | Mud, same as above, but green-gray (5Y 4/1) and less oxidized |
| 80 | | | | |
| 100 | | | | |
| 120 | | | | Base of section (123 cm) |

CORE: PR 98-5



CORE: PR 98-4

